

PATENT APPLICATION
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FORM PTO-1449	ATTY. DKT NO. 12-020-CON	SER. NO. 10/690,670
	APPLICANT IWANAMI et al.	
	FILING DATE October 23, 2003	GROUP 3746

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
BS	7	5,132,604	Jul. 21, 1992	Shimane et al.	—	—
		4,769,993	Sep. 13, 1988	Kawamura	→	→
		3,985,468	Oct. 12, 1976	Lewis	→	→
		3,703,642	Nov. 21, 1972	Balaguer	→	→
		6,234,769	May 22, 2001	Sakai et al.	←	→
BS	7	5,675,203	Oct. 7, 1997	Schulze et al.	—	—

FOREIGN PATENT DOCUMENTS

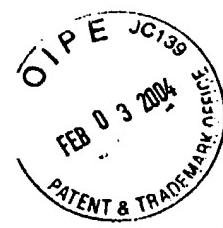
TRANSLATION

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	YES	NO
BS	—	JP-A-2000-229516 (Discussed on pages 1-2 of the spec.)	8/22/00	JAPAN		—	—	X (Abstract)	—
SPS	—	JP-U-H06-87678 (Discussed in page 2 of the spec.)	12/22/94	JAPAN		—	—	—	X

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	BSLW	DATE CONSIDERED
		11/24/04

Rev. 10/94 (Form 3.05)



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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
HB	-	4,169,360	Oct. 2, 1979	Shimizu		

FOREIGN PATENT DOCUMENTS

TRANSLATION

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	YES	NO
HB	7	JP-A-H11-30182 ✓	2/2/99	JAPAN				X (Abstract)	
	7	EP 1 045 144 A1 ✓	10/18/00	Europe				X	
HB	7	JP-A-H11-37046 ✓	2/09/99	JAPAN				X (Abstract)	

* Full English text of the JP Document will be available in machine-translated form from JP (Japanese Patent Office) English language web site at <http://www1.ipdl.jpo.go.jp/PA1/cgi-bin/PA1INDEX>.

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	DATE CONSIDERED	
<i>HB Shih</i>	11/29/04	

Rev. 10/94 (Form 3.05)